

UNCLASSIFIED

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							DATE February 2000		
BUDGET ACTIVITY 6 - Management and Support				PE NUMBER AND TITLE 0605606A Aircraft Certification				PROJECT DO92	
COST (In Thousands)	FY1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY2005 Estimate	Cost to Complete	Total Cost
DO92 Aircraft Certification	2878	3010	3200	3533	3690	3548	3654	Continuing	Continuing
<p>A. Mission Description and Budget Item Justification: This program performs all engineering functions essential for certifying the airworthiness of assigned Army aircraft. Performs safety-of-flight investigations/assessments and issues messages to the field. Manages/executes the Army's Aeronautical Design Standards (ADS) Program; ADS is a continuously evolving process incorporating revisions for each change to the standard design of an aircraft system. Manages airworthiness approval of new vendor qualification/testing on fielded aircraft and material changes for all assigned Army aircraft systems. Provides airworthiness-engineering support to the Army Aviation Program Executive Office (PEO) and the Army Aviation and Missile Command Program/Project/Product Manager requirements for major development/modification and any future system/subsystems. Manages the test and evaluation process to support airworthiness qualification of developmental and fielded aircraft systems. This project funds activities required for general research and development support of aircraft qualifications. Since these activities are not allocable to specific R&D missions, this project is appropriately funded in Budget Activity 6.</p> <p>FY 1999 Accomplishments:</p> <ul style="list-style-type: none"> • 919 Executed technical and airworthiness qualification mission for PEO Aviation/force modernization aircraft systems. • 921 Conducted safety-of-flight investigations/assessments to include PEO Aviation/force modernization aircraft systems. • 143 Executed the Army Aeronautical Design Standards Program. • 694 Provided continuing engineering support for technology upgrades to PEO Aviation/force modernization aircraft systems. • 201 Provided test management capability for PEO Aviation Program/Project/Product Managers. <p>Total 2878</p> <p>FY 2000 Planned Program:</p> <ul style="list-style-type: none"> • 990 Manage/execute technical and airworthiness qualification mission for PEO Aviation/force modernization aircraft systems. • 940 Continue to ensure safety-of-flight investigations/assessments to include PEO Aviation/force modernization aircraft systems. • 150 Manage/execute the Army Aeronautical Design Standards Program. • 732 Provide continuing engineering support for technology upgrades to PEO Aviation/force modernization aircraft systems. • 157 Continue to provide test management capability for PEO Aviation Program/Project/Product Managers. • 41 Small Business Innovative Research/Small Business Technology Transfer Program (SBIR/STTR) <p>Total 3010</p>									
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<p>FY 2001 Planned Program:</p> <ul style="list-style-type: none"> • 1048 Manage/execute technical and airworthiness qualification mission for PEO Aviation/force modernization aircraft systems. • 1006 Continue to ensure safety-of-flight investigations/assessments to include PEO Aviation/force modernization aircraft systems. • 171 Manage/execute the Army Aeronautical Design Standards Program. • 755 Provide continuing engineering support for technology upgrades to PEO Aviation/force modernization aircraft systems. • 220 Continue to provide test management capability for PEO Aviation Program/Project/Product Managers. <p>Total 3200</p>																																														
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